

Case 3625***Kinosternon chimalhuaca* Berry, Seidel, & Iverson in Rogner, 1996 (Reptilia, Testudines): proposed confirmation of the publication date**

Manfred Rogner

Zum Bosselbach 18, 52393 Vossenack-Hürtgenwald, Germany
(e-mail: manfred.rogner@t-online-de)

John B. Iverson

Department of Biology, Earlham College, Richmond, Indiana, 47374, U.S.A.
(e-mail: johni@earlham.edu)

James F. Berry

Department of Biology, Elmhurst College, Elmhurst, Illinois, 60126, U.S.A.
(e-mail: jimb@elmhurst.edu)

Michael E. Seidel

Department of Biology, University of Northern Florida, Jacksonville, Florida, 32224, U.S.A. (e-mail: mrgseid7@bellsouth.net)

Anders G. J. Rhodin

Chelonian Research Foundation, 168 Goodrich Street, Lunenburg, Massachusetts, 01462, U.S.A. (e-mail: rhodincr@aol.com)

Abstract. The purpose of this application, under Article 78.2.3 of the Code, is to alleviate confusion caused by the premature publication of the name *Kinosternon chimalhuaca* Berry, Seidel, & Iverson by Rogner (1996), while the full description was published by the same authors in 1997, which is widely but erroneously accepted as the valid publication date of the taxon. We request that the Commission use its specific powers to rule that the specific name *chimalhuaca* Berry, Seidel, & Iverson in Rogner, 1996, as published in the binomen *Kinosternon chimalhuaca*, is the one to be used for the Jalisco mud turtle.

Keywords. Nomenclature; taxonomy; Reptilia; Testudines; KINOSTERNIDAE; *Kinosternon chimalhuaca*; Jalisco mud turtle; Jalisco; Colima, Mexico.

1. In 1996, the second author of this petition (JBI) shared a copy of the 'in-press' description of *Kinosternon chimalhuaca* with the senior author (MR) for inclusion in his forthcoming book (Rogner, 1996), with the understanding that the original description by Berry, Seidel, & Iverson (1997, p. 331) would be published before the publication of Rogner's book. However, through the vagaries of publication schedules, Rogner's work was published first and the name *Kinosternon chimalhuaca* was inadvertently introduced by Rogner (1996, p. 23). Although the description in

Rogner's book was clearly based on that by Berry, Seidel and Iverson (and cited as such), and was paraphrased in Rogner's own words, according to the Code that name is available and attributable to Berry, Seidel, & Iverson in Rogner, 1996.

2. The situation is further complicated by the transposition in Rogner (1996) of two colour photographs (p. 18) provided personally by Iverson to Rogner, such that a photograph of *Kinosternon flavescens arizonense* is misidentified as *K. chimalhuaca* (and vice versa).

3. The full description and discussion of *K. chimalhuaca* subsequently appeared in Berry, Seidel, & Iverson (1997, p. 331, in the journal published by junior author Rhodin), precisely as cited by Rogner (1996), and that name has been cited as authored by Berry, Seidel, & Iverson in all subsequent works (e.g. Bonin et al., 2006; Fritz & Havas, 2007; TTWG, 2012).

4. The book by Rogner was intended to serve as a reference work for both amateurs and specialists, although it was primarily envisioned as a 'popular' guide and secondary source of information, and was never intended to fill a primary nomenclatural role. However, both dates regularly appear in many publications, databases and websites creating confusion (e.g. the publication year 1996 is cited in http://en.wikipedia.org/wiki/Jalisco_mud_turtle;

http://www.inaturalist.org/taxa/Kinosternon_chimalhuaca;

<http://reptile-database.reptarium.cz/species?genus=Kinosternon&species=chimalhuaca>,

while 1997 is cited in <http://www.iucnredlist.org/details/full/63667/0>,

<http://eol.org/pages/792958/overview>;

http://www.infotortuga.com/kinosternon_chimalhuaca.htm, etc.).

5. *K. chimalhuaca* Berry, Seidel, & Iverson, 1997 is a junior homonym and junior objective synonym of *K. chimalhuaca* Berry, Seidel, & Iverson in Rogner, 1996, and the case may appear unnecessary. However, the incorrect date is very often used in various publications and databases, thereby creating confusion. The best chance to end instability, and to establish a single stable combination of the name, authorship and date for this species of turtle, is to have the original date 1996 officially confirmed by the Commission. Confirmation of the publication date would (a) alleviate the confusion caused by the untimely (but valid) publication of Rogner (1996) and (b) take out of circulation the name as proposed by Berry, Seidel, & Iverson, 1997.

6. The International Commission on Zoological Nomenclature is accordingly asked:

(1) to use its specific powers to confirm that the correct publication date of the specific name *chimalhuaca* Berry, Seidel, & Iverson in Rogner, 1996, as published in the binomen *Kinosternon chimalhuaca*, is 1996;

(2) to place on the Official List of Specific Names in Zoology the name *chimalhuaca* Berry, Seidel, & Iverson in Rogner, 1996, as published in the binomen *Kinosternon chimalhuaca* and as confirmed in (1) above;

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).